

— CISCO CATALYST 1200 SERIES

Cisco C1200-48T-4X

Managed Gigabit Switch

The Cisco C1200-48T-4X is a 48-port managed Gigabit Ethernet switch designed for business and enterprise network environments. It combines 48 × 10/100/1000 Ethernet ports with four 10 Gigabit SFP+ uplinks, 176 Gbps switching capacity, 130.94 Mpps forwarding performance, Layer 2 switching features and Layer 3 static routing capabilities in a 1U rack-mountable design.

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48

10/100/1000 Gigabit Ethernet Ports

4 × 10G

SFP+ Uplink Ports

176 Gbps

Switching Capacity

130.94 Mpps

Forwarding Rate

PRODUCT OVERVIEW

48-Port Gigabit Switching with 10G SFP+ Uplinks

The Cisco C1200-48T-4X provides a high-density managed Ethernet platform for business networks. Its 48 Gigabit ports provide wired access connectivity, while four 10G SFP+ interfaces provide higher-speed uplinks toward servers, aggregation switches and upstream network infrastructure.

48P**48 Gigabit Ports**

Forty-eight 10/100/1000 RJ-45 Ethernet ports provide wired connectivity for computers, servers and network devices.

10G**Four 10G SFP+ Uplinks**

Four 10 Gigabit SFP+ interfaces provide high-speed connectivity to upstream network infrastructure.

176G**176 Gbps Switching**

The switch provides 176 Gbps switching capacity for high-speed Gigabit Ethernet traffic.

L2**Layer 2 Switching**

Supports VLANs, STP, RSTP, MSTP, PVST+, RPVST+ and LACP for managed network deployments.

L3

Static Routing

Layer 3 static routing capabilities support controlled communication between IP subnets.

1U

Rack-Mountable Design

The 1U form factor is designed for installation in standard network racks and cabinets.

01 / TECHNICAL SPECIFICATIONS

Cisco C1200-48T-4X Detailed Specifications

Technical specifications are based primarily on Cisco documentation for the Catalyst 1200 Series and the C1200-48T-4X model.

Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 1200 Series
Product Model	C1200-48T-4X
Product Type	Managed Gigabit Ethernet Switch
Network Ports	48 × 10/100/1000 Gigabit Ethernet RJ-45
Uplink Ports	4 × 10 Gigabit SFP+
Switching Capacity	176 Gbps
Forwarding Rate	130.94 Mpps
Switching Type	Wire-speed, nonblocking

PoE	No
Layer 2 Features	VLAN, STP, RSTP, MSTP, PVST+, RPVST+, LACP and related Layer 2 functions
Layer 3 Features	Static Routing
Active VLANs	Up to 255
LACP	IEEE 802.3ad
Management	Web-Based Management Interface and CLI
Console	RJ-45 Console and USB Type-C
Flash Memory	512 MB
DRAM	1 GB DDR4
Packet Buffer	3 MB
Physical Dimensions	445 × 288 × 44 mm (W × D × H)
Rack Height	1U
Weight	Approximately 3.95 kg
Power Supply	Internal power supply
Input Voltage	100–240V AC, 50–60 Hz
Operating Temperature	-5°C to 50°C

02 / NETWORK FEATURES

Cisco C1200-48T-4X Network Management & Switching

The C1200-48T-4X provides a combination of Layer 2 switching, static routing and management functions for structured business network deployments.

VLAN

VLAN Support

VLAN capabilities allow administrators to logically separate traffic across the managed Ethernet network.

LAG

Link Aggregation

IEEE 802.3ad LACP support allows compatible interfaces to be grouped into logical links.

STP

Spanning Tree

STP, RSTP, MSTP, PVST+ and RPVST+ support helps manage Layer 2 network topologies.

WEB

Web Management

The on-box web interface provides browser-based configuration and management capabilities.

CLI

Command Line Interface

CLI management provides another configuration and administration method for network operators.

L3

Static Routing

Layer 3 static routing supports communication between configured network subnets.

Four 10G SFP+ Uplinks for High-Speed Networking

The four 10 Gigabit SFP+ interfaces provide high-speed uplink connectivity between the C1200-48T-4X and upstream network infrastructure.

10G

10 Gigabit Connectivity

Four SFP+ interfaces provide 10 Gigabit uplink connectivity for supported transceivers.

SR

Optical Uplinks

Compatible optical transceivers can be used according to the network distance and topology.

UP

Upstream Network Connections

The SFP+ interfaces can connect the access switch to servers, aggregation switches or other network layers.

Where the Cisco C1200-48T-4X Fits

The 48-port configuration and four 10G SFP+ uplinks make the C1200-48T-4X suitable for a range of managed business networking environments.

OFF

Business Offices

Provides 48 Gigabit Ethernet ports for wired desktop and network device connectivity.

BR

Branch Networks

A 1U managed switching platform for branch locations requiring high port density.

SRV

Server Connectivity

Four 10G SFP+ uplinks provide high-speed connections toward compatible infrastructure.

EDU

Educational Networks

Suitable for managed wired networks requiring multiple Gigabit access connections.

SMB

Small & Medium Business

Provides managed switching and static routing capabilities for business network environments.

LAN

High-Density LAN

Forty-eight Gigabit ports provide a high-density wired access layer in a compact 1U chassis.

05 / RELATED CISCO SWITCHES

Explore Cisco Switch Options

NexoGet provides additional Cisco switching platforms for different port-density, uplink and network deployment requirements.

9200

Cisco C9200L-48T-4X-E

[View Cisco C9200L-48T-4X-E Switch](#)

1300

Cisco C1300-24T-4G

[View Cisco C1300-24T-4G Switch](#)

8T

Cisco C1200-8T-E-2G

8P

Cisco C1200-8P-E-2G

[View Cisco C1200-8T-E-2G Switch](#)

[View Cisco C1200-8P-E-2G Switch](#)

8FP

Cisco C1200-8FP-2G

[View Cisco C1200-8FP-2G Switch](#)

ALL

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06 / IMPORTANT INFORMATION

Before You Order Cisco C1200-48T-4X

Port Configuration: The C1200-48T-4X provides 48 × 10/100/1000 Gigabit Ethernet RJ-45 ports and four 10 Gigabit SFP+ uplink ports.

PoE: This model is a non-PoE switch. The 48 Ethernet ports do not provide Power over Ethernet.

Uplinks: The four SFP+ uplinks are designed for high-speed network connections using compatible 10G transceivers.

Management: The Catalyst 1200 platform supports web-based management and CLI for network administration.

Routing: Layer 3 static routing capabilities are available for supported network deployments.

Dimensions: The switch measures approximately 445 × 288 × 44 mm and uses a 1U rack-mountable form factor.

Availability: Actual stock condition, product condition, included accessories and shipping details should be confirmed with NexoGet before purchase.

07 / FREQUENTLY ASKED QUESTIONS

Cisco C1200-48T-4X FAQ

01

What is Cisco C1200-48T-4X?

It is a managed Cisco Catalyst 1200 Series switch with 48 Gigabit Ethernet ports and four 10G SFP+ uplinks.

02

Does C1200-48T-4X support PoE?

No. The C1200-48T-4X is a non-PoE model.

03

How many Gigabit ports does it have?

It has 48 × 10/100/1000 Gigabit Ethernet RJ-45 ports.

04

Does it have 10G uplinks?

Yes. It provides four 10 Gigabit SFP+ uplink ports.

05

What is the switching capacity?

The Cisco C1200-48T-4X provides 176 Gbps switching capacity.

06

What is the forwarding rate?

The forwarding rate is 130.94 Mpps.

07

Does it support Layer 3?

Yes. The Catalyst 1200 platform supports Layer 3 static routing.

08

Is it rack mountable?

Yes. The C1200-48T-4X uses a 1U rack-mountable design.

09

How is the switch managed?

Supported management methods include a web-based interface and CLI.



Need Pricing or Availability for C1200-48T-4X?

Contact NexoGet for Cisco C1200-48T-4X pricing, stock availability, product condition, accessories, shipping options and enterprise networking quotations.

 **+971 50 516 6272**

 **info@nexoget.com**



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